

ABSTRACT

5 . A fusogenic liposome composition for delivering a
liposome-entrapped compound into the cytoplasm of a
target cell is described. The liposomes have an outer
surface coating of chemically releasable hydrophilic
polymer chains which shield hydrophobic polymers on the
liposome outer surface. Release of the hydrophilic
polymer chains exposes the hydrophobic polymers for
10 interaction with outer cell membranes of the target cells
to promote fusion of the liposome with the target cells.
Also disclosed is a method for using the composition to
deliver a compound to target cells, and a method for
selecting suitable hydrophobic polymers for use in the
15 composition.

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